FIG. 1

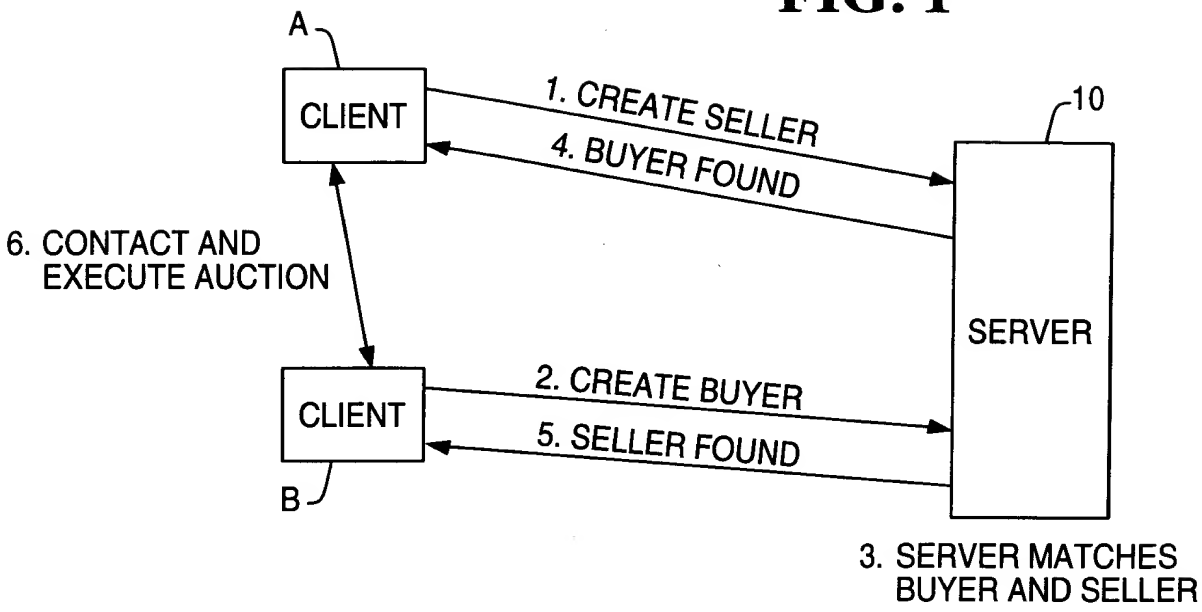

A
CLIENT
1. CREATE SELLER
4. BUYER FOUND
10
SERVER
6. CONTACT AND EXECUTE AUCTION
CLIENT
2. CREATE BUYER
5. SELLER FOUND
B
3. SERVER MATCHES BUYER AND SELLER

FIG. 3

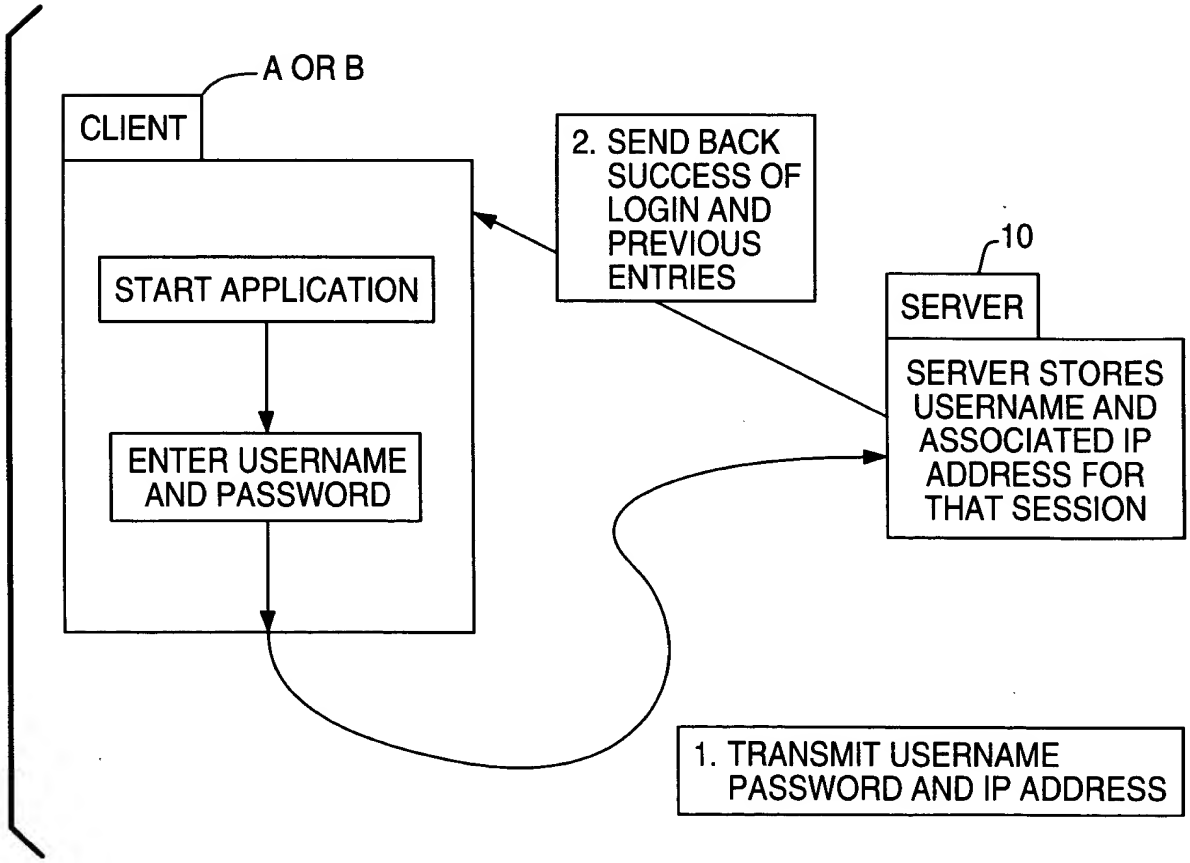

A OR B
CLIENT
START APPLICATION
ENTER USERNAME AND PASSWORD
2. SEND BACK SUCCESS OF LOGIN AND PREVIOUS ENTRIES
10
SERVER
SERVER STORES USERNAME AND ASSOCIATED IP ADDRESS FOR THAT SESSION
1. TRANSMIT USERNAME PASSWORD AND IP ADDRESS

FIG. 2

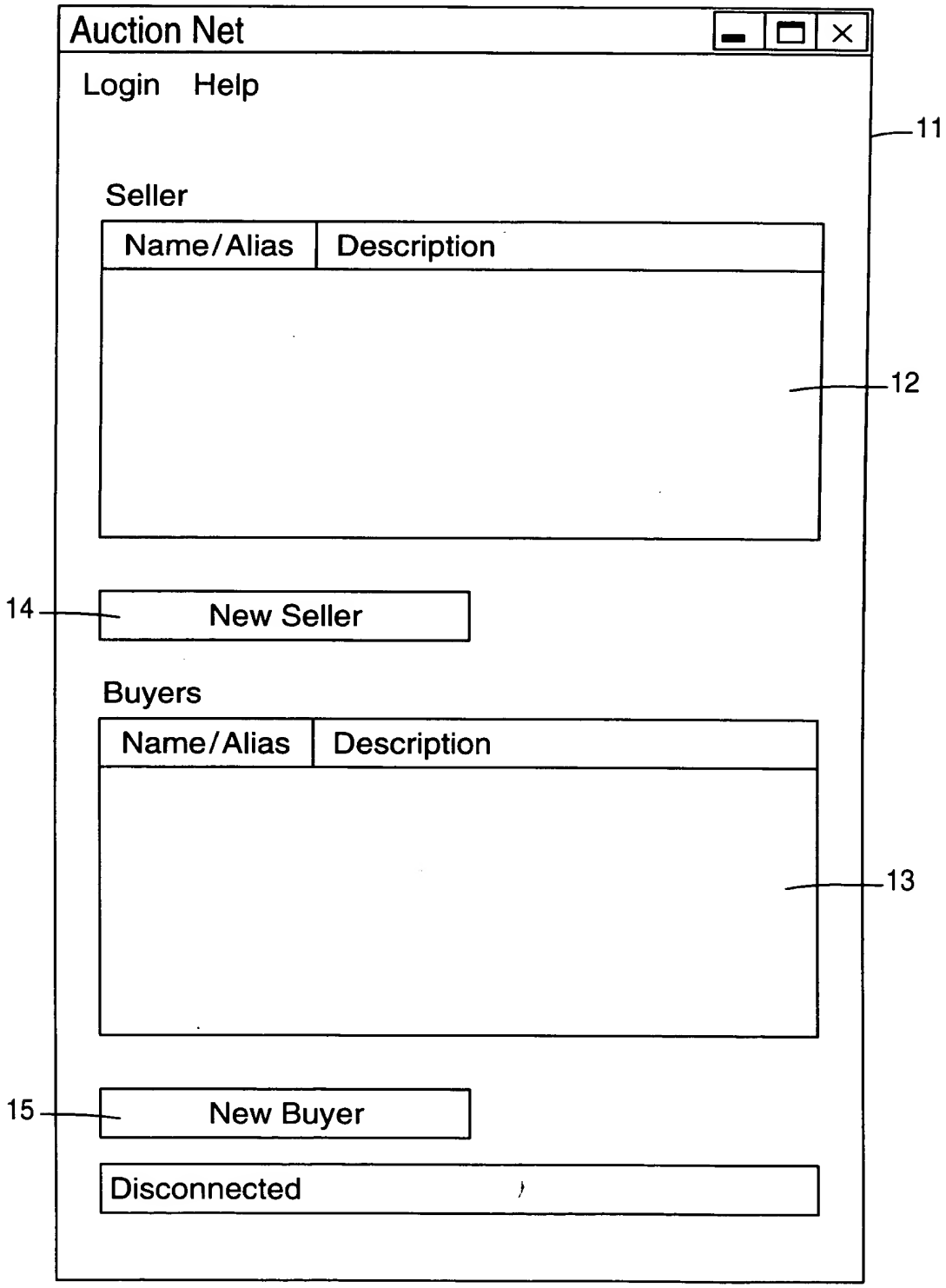

Auction Net
Login
Help
11
Seller
Name/Alias
Description
12
14
New Seller
Buyers
Name/Alias
Description
13
15
New Buyer
Disconnected

FIG. 4

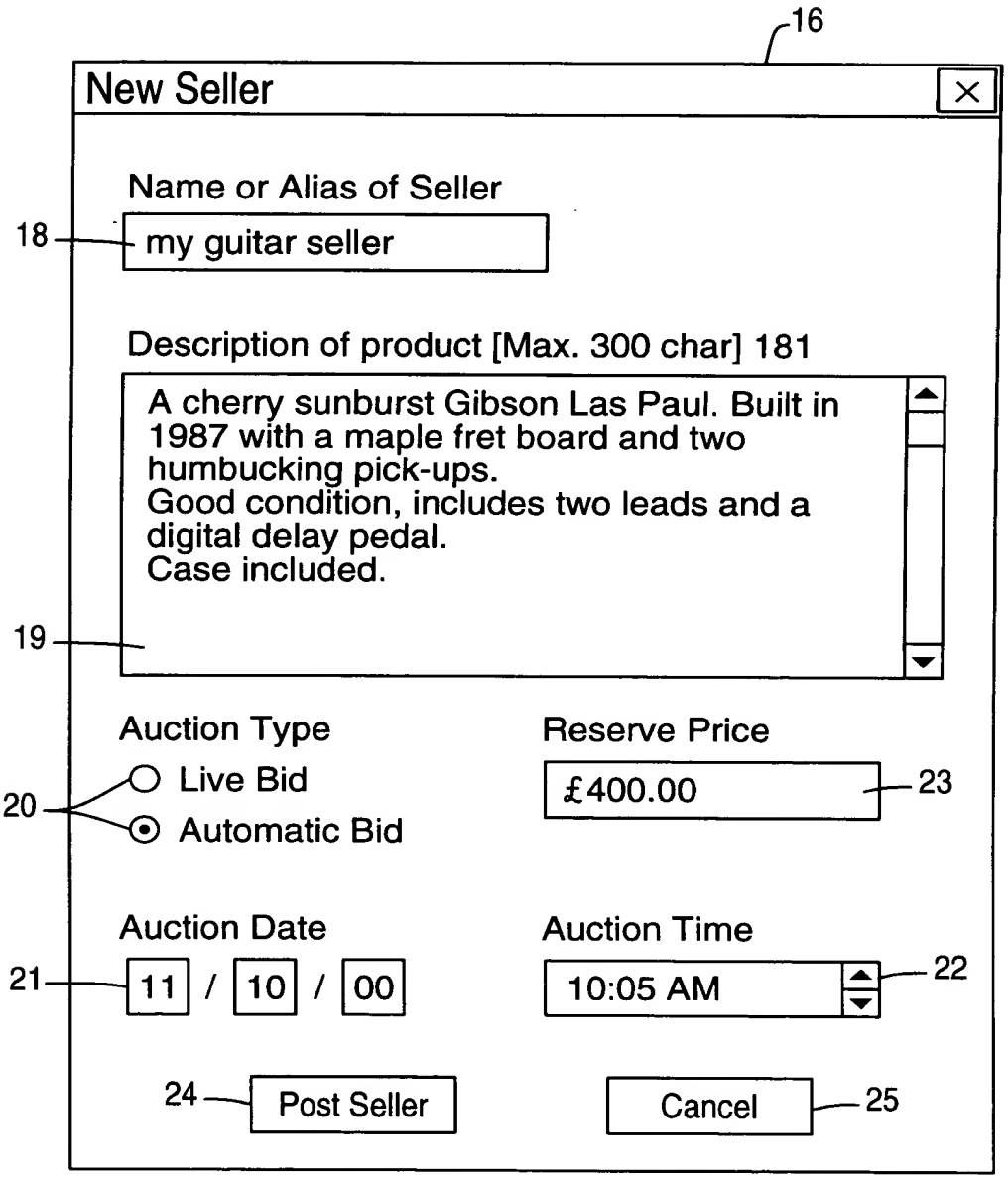

16
New Seller
Name or Alias of Seller
18
my guitar seller
Description of product [Max. 300 char] 181
A cherry sunburst Gibson Las Paul. Built in 1987 with a maple fret board and two humbucking pick-ups.
Good condition, includes two leads and a digital delay pedal.
Case included.
19
Auction Type
Live Bid
20
Automatic Bid
Reserve Price
£400.00
23
Auction Date
21
11 / 10 / 00
Auction Time
10:05 AM
22
24
Post Seller
Cancel
25

FIG. 5

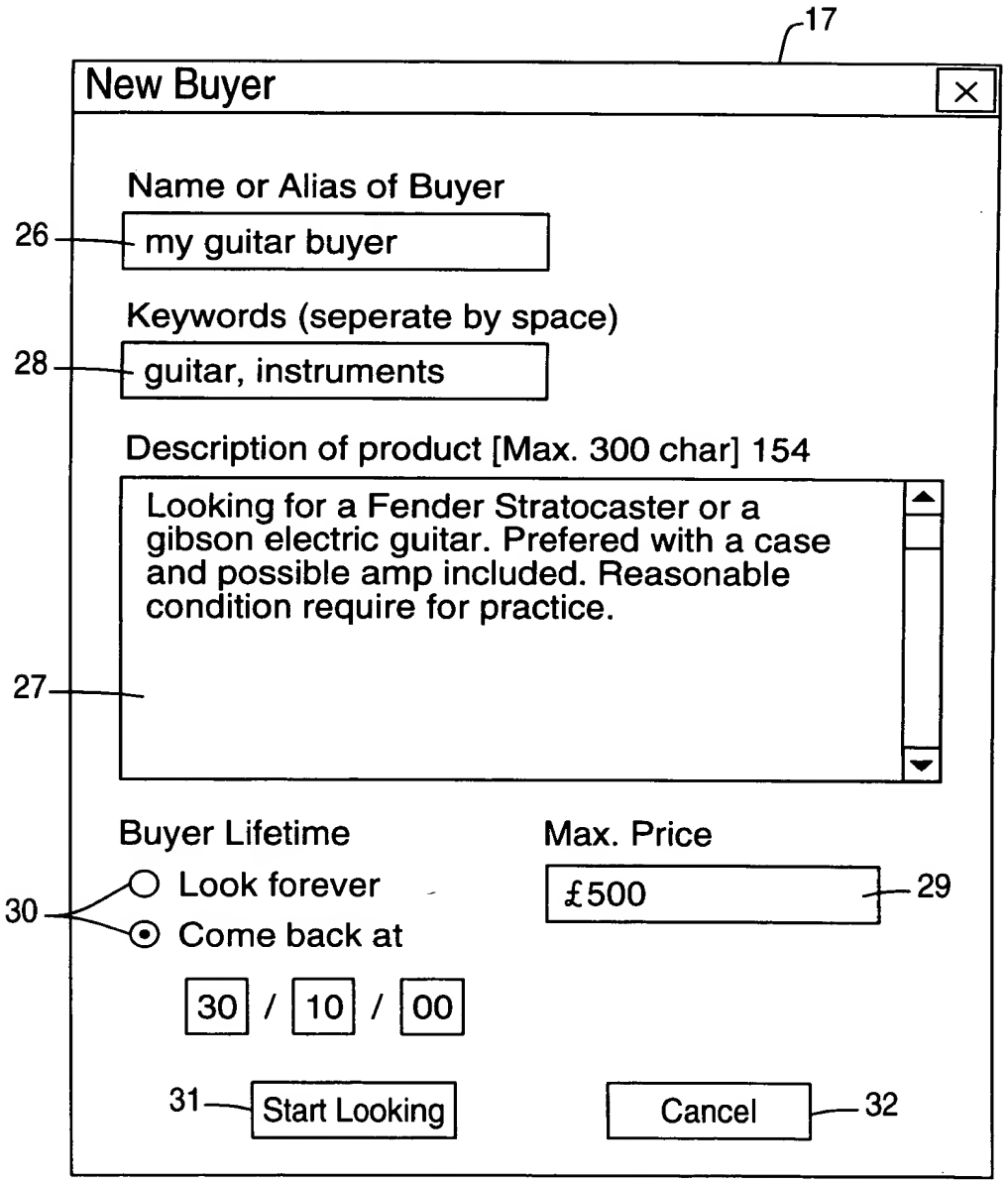

17
New Buyer
Name or Alias of Buyer
26
my guitar buyer
Keywords (seperate by space)
28
guitar, instruments
Description of product [Max. 300 char] 154
Looking for a Fender Stratocaster or a gibson electric guitar. Prefered with a case and possible amp included. Reasonable condition require for practice.
27
Buyer Lifetime
Max. Price
30
Look forever
Come back at
£500
29
30 / 10 / 00
31
Start Looking
Cancel
32

FIG. 7

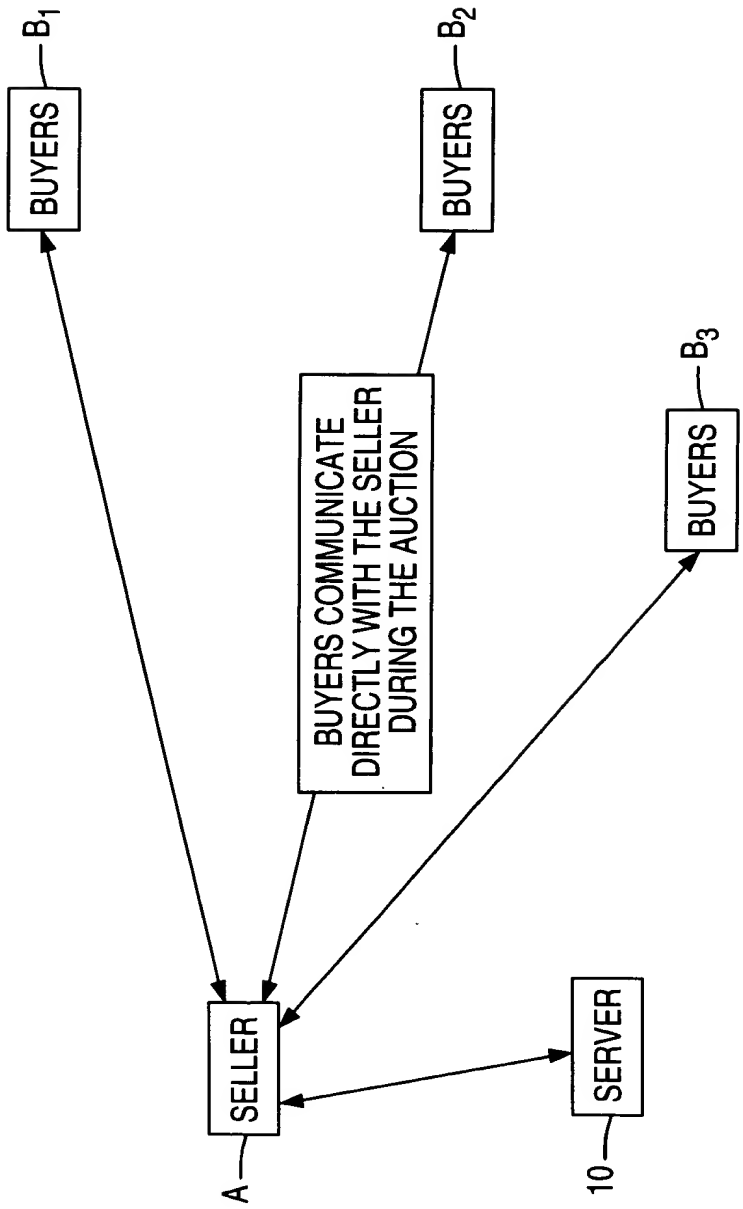
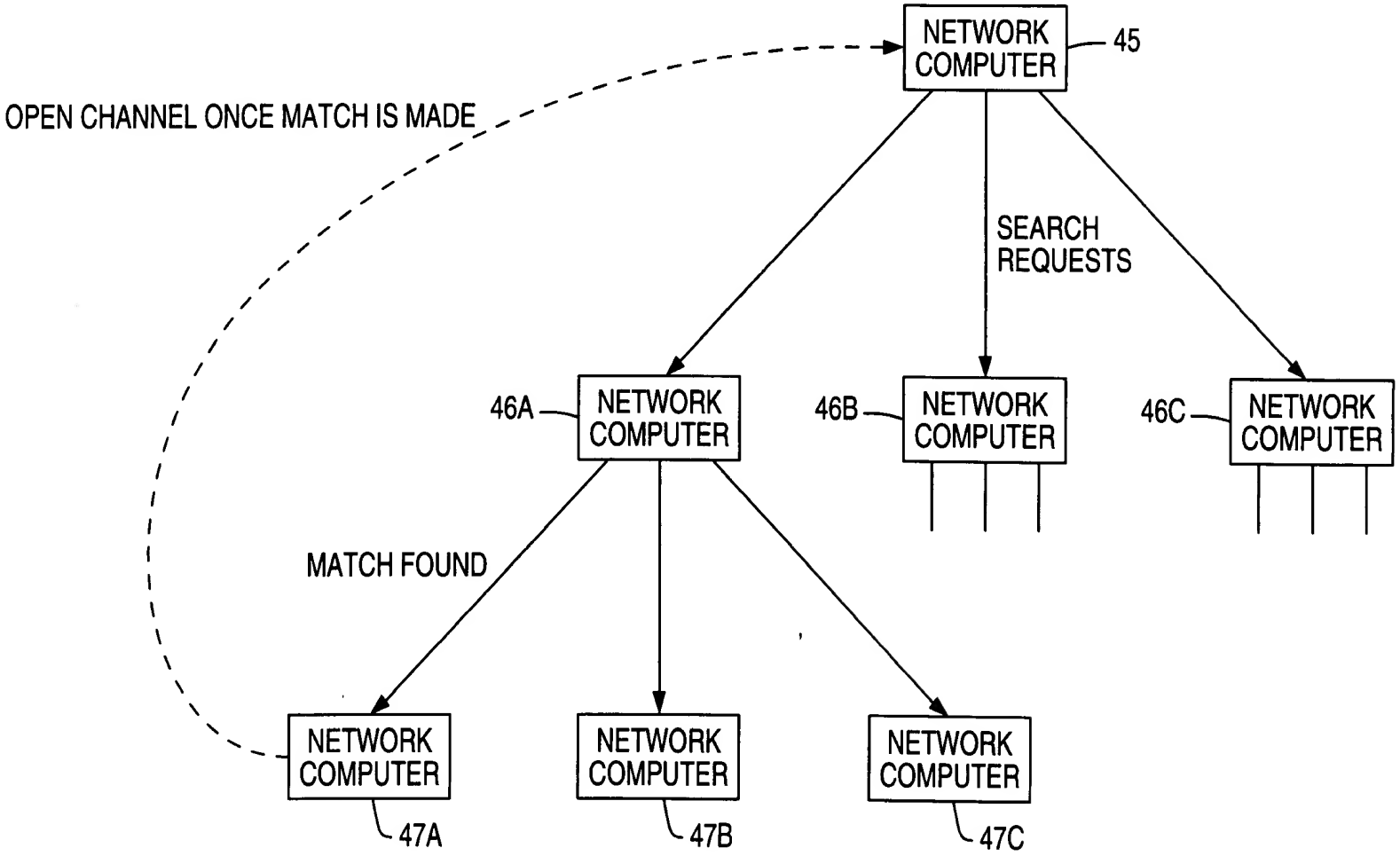

BUYERS
B1
BUYERS
B2
BUYERS
B3
BUYERS COMMUNICATE DIRECTLY WITH THE SELLER DURING THE AUCTION
SELLER
A
SERVER
10

FIG. 8


NETWORK COMPUTER
45
OPEN CHANNEL ONCE MATCH IS MADE
SEARCH REQUESTS
46A
NETWORK COMPUTER
46B
NETWORK COMPUTER
46C
NETWORK COMPUTER
MATCH FOUND
NETWORK COMPUTER
47A
NETWORK COMPUTER
47B
NETWORK COMPUTER
47C